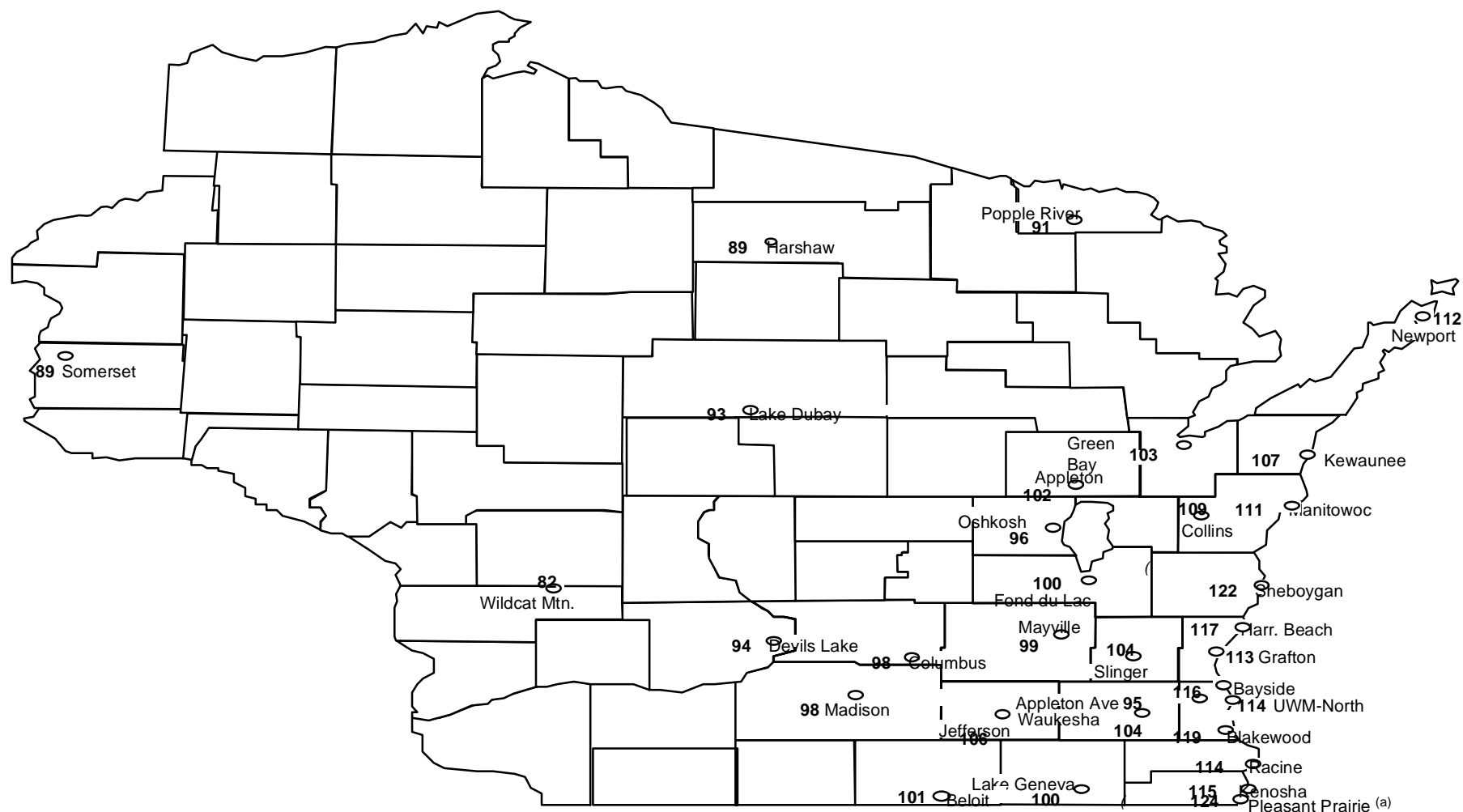


Redesignation to Attainment for the 1-Hour Ozone Standard

Door, Kenosha, Manitowoc,
Milwaukee, Ozaukee, Racine,
Washington, Waukesha Counties



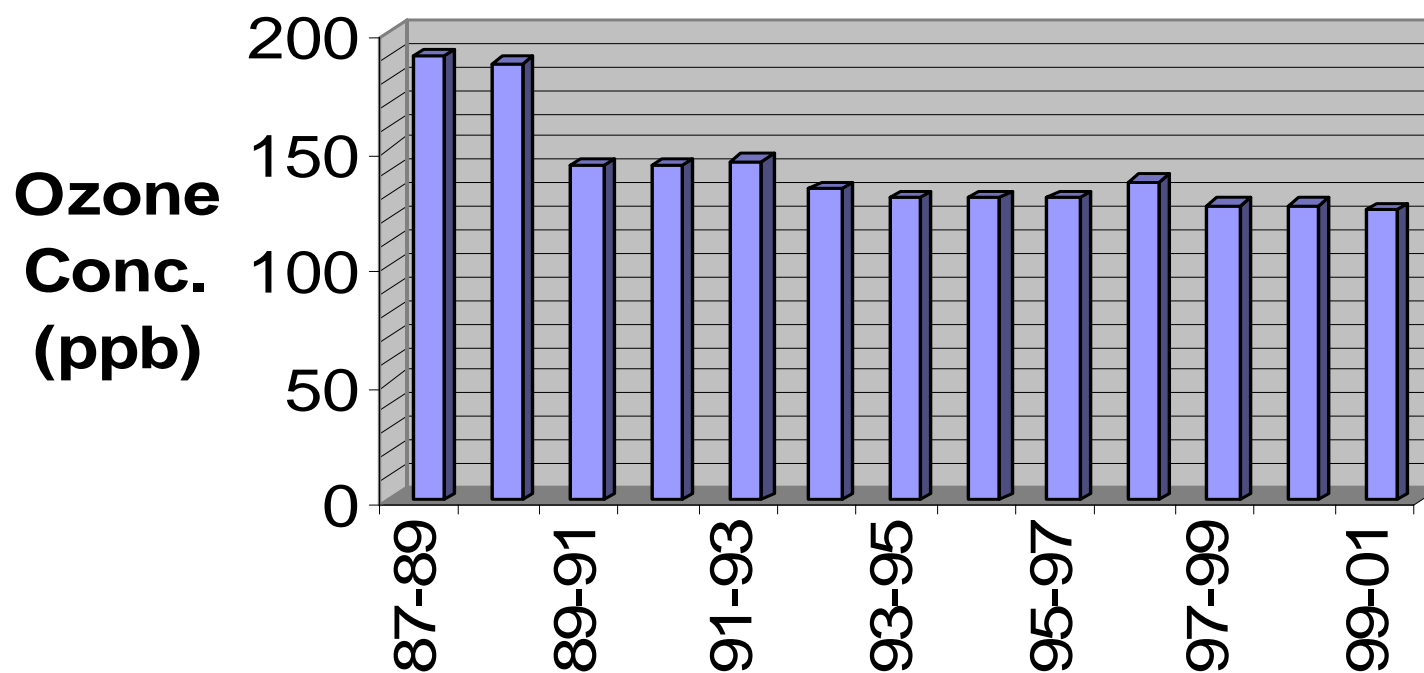
**Fourth Highest Peak Daily 1-Hr Ozone Measurements
(i.e., 1-Hr O₃ “Design Values”)**

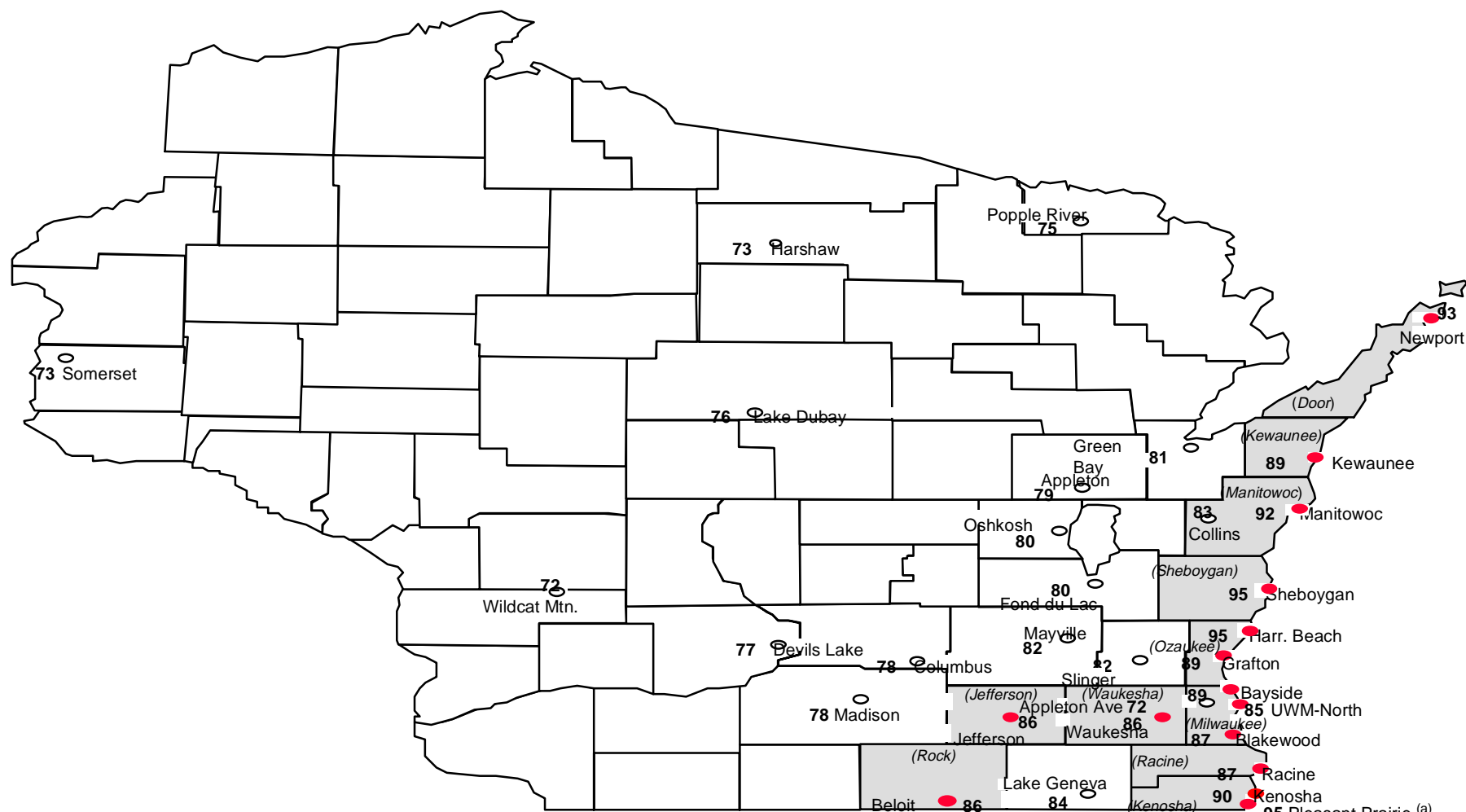
Wis DNR Ozone Monitoring Sites 1999 - 2001

Criteria to attain the 1-hr ozone NAAQS at a site: The 4th highest peak daily 1-hr ozone value for the most recent three consecutive full years of data is less than or equal to 0.12 parts per million (ppm, numerically equivalent to 124 ppb). Attainment sites are denoted by white circles. Ozone units: parts per billion (ppb)

(a) The Pleasant Prairie site is also referred to as Chiwaukee.

1-Hour Ozone Design Values at Chiwaukee Prairie





Annual 4th Highest Peak Daily Running 8-Hr Ozone Values (i.e., Preliminary 8-Hr O₃ "Design Values")

Wis. DNR Ozone Monitoring Sites, 1999 - 2001

Criteria to attain the 8-hr ozone NAAQS at a site: The average of the annual 4th highest peak daily 8-hr running ozone values for the most recent three consecutive years of data (here: 1999-2001) is less than or equal to 0.08 parts per million (ppm, numerically equivalent to 84 ppb). Attainment sites are denoted by white circles on this map.

Shaded counties (named in italicized brackets): Counties in which at least one WDNR ozone monitor is located that has an average of its annual 4th highest peak daily 8-hr ozone values for 1999-2001 in excess of the 8-hr ozone NAAQS of 0.08 ppm (84 ppb). These monitoring sites are denoted by dark circles.

^(a) The Pleasant Prairie site is also referred to as Chiwaukee.

Redesignation to Attainment

- Wisconsin Issues
 - No Backsliding
 - Changes to Existing Rules Could Slow or Derail the Redesignation Process
 - We Would Like a Regional Approach to Maintenance and Contingency Plans
 - Fairness
 - Funding

Redesignation to Attainment

- Funding Issues
 - CMAQ
 - New Source Review
 - PAMS Monitoring

Redesignation to Attainment

- Elements of a Maintenance Plan
 - Emissions Inventories
 - Year Designated Nonattainment
 - Year of Attainment
 - Year of Modeled Attainment Demonstration
 - 10 Years Beyond Attainment
 - Demonstration of Attainment/Maintenance for 10 Years After Redesignation
 - Commitment to Maintain Monitoring Network

Redesignation to Attainment

- Elements of a Maintenance Plan
(Continued)
 - Verification of Continued Attainment
 - Legal Authority to Implement Measures
 - Tracking of Attainment
 - Contingency Plan
 - Commitment for a Revised Maintenance Plan
in 8-Years

Redesignation to Attainment

- Transportation Conformity
 - Use Mobile 5a Now, Revised for Mobile 6 at a Later Date
 - Budget Established for 2007 Consistent with Attainment Demonstration
 - Budget Adjusted for New Information
 - Budget May Include Uncertainty Buffer

Contingency Plan 2003 - 2004

- Trigger
 - Violation of the Standard
- Action
 - States Continue to Implement Attainment Demonstration & Rate of Progress
- Measures to be Implemented
 - NO_x SIP Call (IL & IN) , Federal Non-road Standards, BP Amoco Order, WI NO_x SIP

Contingency Plan 2005 - 2007

- Trigger
 - 2 Exceedances in 1 Year or More than 2 in 3 Years
- Actions
 - States Continue to Implement Attainment Demonstration & Rate of Progress
 - States Evaluate Scheduled Reductions & Revise Maintenance Plans as Appropriate

Contingency Plan 2005 - 2007

- Measures to Be Implemented
 - Tier 2 Vehicle Standards and Low Sulfur Gasoline
 - HD Diesel Standards and Low Sulfur Diesel Fuel
 - NO_x SIP Call Phase 2 (IL & IN)
 - VOL Storage (IN)
 - NO_x SIP (WI)

Contingency Plan 2008-2012

- Trigger Level 1
 - 2 Exceedances in 1 Year or More than 2 in 3 Years
 - 5% Increase in Emission 1999 (Base) to 2005 or 2008
- Actions
 - Evaluate What Controls Necessary to Avoid Violation
 - Adopt Measures in 24 Months

Contingency Plan 2008-2012

- Trigger Level 2
 - Violation of the Standard
- Actions
 - Comprehensive Evaluation of Exceedances and Measures to Correct the Problem
 - Adopt Measures within 18 Months

Contingency Plan 2008-2012

- Point Source Contingency Measures
 - Reinstate Offsets and LAER for New Sources
 - RACT for Smaller Sources
 - Stricter RACT for Existing Sources
 - Expanded Geographic Coverage for Control Programs
 - Additional NO_x Controls
 - Other Measures

Contingency Plan 2008-2012

- Mobile Source Contingency Measures
 - Transportation Control Measures
 - High-Enhanced I/M
 - California Engine Standards
 - Other Measures

Contingency Plan 2008-2012

- Area Source Contingency Measures
 - California AIM
 - California Commercial/Consumer Solvents
 - California Off-Road Engine Standards
 - Expanded Geographic Coverage for Existing Measures
 - Other Measures

Contingency Plan 2008-2012

- What Does it Mean to Identify Contingency Measures in the Maintenance Plan
 - In General, Measures Need to be Real and Have Real Emission Reductions, but
 - There Is No Commitment to Implement Any Particular Contingency Measure

Redesignation to Attainment

- Next Steps for Wisconsin
 - Coordinate with Indiana, Illinois and EPA
 - Involve Stakeholders
 - Develop Plans
 - Necessary Bureaucratic Steps

Redesignation Schedule

- February - Agree on Regional Contingency Plan, Complete Inventory
- March - Develop Maintenance Plan for WI Counties
- April - Hold Public Hearings, Submit SIP to EPA
- May - June Work with EPA
- July - EPA Publishes Proposed Redesignation
- Aug./Sept - EPA Addresses Public Comments
- October - EPA Approves Redesignation

Redesignation Information

- www.dnr.state.wi.us/org/aw/air/hot/1hr_redes/index.htm
- Bob Lopez - 608-267-5284
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